

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, Montana

Year	Coal ^a	Natural Gas ^b	Petroleum				Biomass	Geothermal ^e	Solar ^{e,f}	Retail Electricity Sales	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	HGL ^c	Kerosene	Total	Wood ^d			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	18	17	262	488	0	750	237	--	--	935	--	--	--
1965	13	20	277	614	0	891	182	--	--	1,216	--	--	--
1970	7	25	249	856	0	1,106	139	--	--	1,534	--	--	--
1975	3	24	589	939	0	1,528	153	--	--	2,143	--	--	--
1980	3	19	421	799	0	1,220	125	--	--	2,916	--	--	--
1985	2	19	309	583	9	901	195	--	--	3,614	--	--	--
1990	11	17	291	784	1	1,077	89	--	--	3,358	--	--	--
1995	1	20	218	456	1	674	86	--	--	3,640	--	--	--
1996	1	22	325	501	1	827	90	--	--	3,911	--	--	--
1997	9	21	685	146	2	833	95	--	--	3,804	--	--	--
1998	(s)	19	404	83	3	489	84	--	--	3,722	--	--	--
1999	(s)	20	225	330	1	557	86	--	--	3,664	--	--	--
2000	(s)	20	170	890	(s)	1,060	93	--	--	3,908	--	--	--
2001	(s)	20	170	907	1	1,077	52	--	--	3,886	--	--	--
2002	(s)	22	122	929	1	1,052	53	--	--	4,031	--	--	--
2003	(s)	20	196	1,398	4	1,598	56	--	--	4,120	--	--	--
2004	11	20	187	1,863	1	2,050	57	--	--	4,053	--	--	--
2005	12	20	169	1,732	1	1,902	302	--	--	4,221	--	--	--
2006	13	19	196	1,726	1	1,923	268	--	--	4,394	--	--	--
2007	(s)	20	197	1,990	1	2,187	296	--	--	4,542	--	--	--
2008	0	22	248	2,230	3	2,481	331	--	--	4,669	--	--	--
2009	0	22	115	2,362	(s)	2,477	159	--	--	4,790	--	--	--
2010	0	21	109	1,966	1	R 2,075	139	--	--	4,743	--	--	--
2011	0	22	99	2,089	1	R 2,189	142	--	--	4,913	--	--	--
2012	0	19	93	1,638	(s)	R 1,731	133	--	--	4,778	--	--	--
2013	0	21	80	1,606	(s)	R 1,686	183	--	--	4,926	--	--	--
2014	0	21	63	1,809	1	R 1,873	R 185	--	--	4,969	--	--	--
2015	0	19	70	1,822	(s)	R 1,892	R 137	--	--	4,825	--	--	--
2016	0	19	67	1,609	1	1,678	110	--	--	4,853	--	--	--
Trillion Btu													
1960	0.4	17.5	1.5	1.9	0.0	3.4	4.7	NA	NA	3.2	29.2	7.9	37.1
1965	0.3	19.9	1.6	2.4	0.0	4.0	3.6	NA	NA	4.1	32.0	9.9	41.9
1970	0.1	25.6	1.5	3.3	0.0	4.7	2.8	NA	NA	5.2	38.5	12.7	51.1
1975	0.1	24.6	3.4	3.6	0.0	7.0	3.1	NA	NA	7.3	42.0	17.5	59.6
1980	0.1	19.5	2.5	3.1	0.0	5.5	2.5	NA	NA	9.9	37.5	23.9	61.4
1985	(s)	19.4	1.8	2.2	0.1	4.1	3.9	NA	NA	12.3	39.7	28.2	67.9
1990	0.2	17.3	1.7	3.0	(s)	4.7	1.8	(s)	(s)	11.5	35.5	25.7	61.2
1995	(s)	20.2	1.3	1.8	(s)	3.0	1.7	(s)	(s)	12.4	37.5	29.0	66.5
1996	(s)	22.8	1.9	1.9	(s)	3.8	1.8	(s)	(s)	13.3	41.8	30.3	72.1
1997	0.2	21.7	4.0	0.6	(s)	4.6	1.9	(s)	(s)	13.0	41.3	28.9	70.1
1998	(s)	19.7	2.4	0.3	(s)	2.7	1.7	(s)	(s)	12.7	36.8	28.7	65.5
1999	(s)	20.1	1.3	1.3	(s)	2.6	1.7	0.1	(s)	12.5	37.0	27.8	64.9
2000	(s)	20.6	1.0	3.4	(s)	4.4	1.9	0.1	(s)	13.3	40.3	30.2	70.5
2001	(s)	20.6	1.0	3.5	(s)	4.5	1.0	0.1	(s)	13.3	39.4	29.7	69.2
2002	(s)	22.2	0.7	3.6	(s)	4.3	1.1	0.1	(s)	13.8	41.3	30.7	72.0
2003	(s)	20.9	1.1	5.4	(s)	6.5	1.1	0.1	(s)	14.1	42.7	32.1	74.8
2004	0.2	20.4	1.1	7.1	(s)	8.2	1.1	0.1	(s)	13.8	43.9	31.9	75.8
2005	0.2	20.6	1.0	6.6	(s)	7.6	6.0	0.1	(s)	14.4	49.0	32.6	81.6
2006	0.2	19.8	1.1	6.6	(s)	7.8	5.4	0.1	(s)	15.0	48.2	34.4	82.6
2007	(s)	20.0	1.1	7.6	(s)	8.8	5.9	0.1	(s)	15.5	50.3	35.1	85.4
2008	0.0	21.9	1.4	8.6	(s)	10.0	6.6	0.1	(s)	15.9	54.6	36.2	90.8
2009	0.0	22.0	0.7	9.1	(s)	9.7	3.2	0.1	(s)	16.3	51.4	36.8	88.2
2010	0.0	21.1	0.6	7.5	(s)	8.2	2.8	0.1	(s)	16.2	48.4	34.8	83.2
2011	0.0	22.1	0.6	8.0	(s)	R 8.6	2.8	0.2	(s)	16.8	R 50.5	36.1	R 86.6
2012	0.0	19.5	0.5	6.3	(s)	R 6.8	2.7	0.1	0.1	16.3	R 45.5	34.8	R 80.3
2013	0.0	21.5	0.5	6.2	(s)	R 6.6	3.7	0.1	0.1	16.8	R 48.8	36.3	R 85.1
2014	0.0	R 21.9	0.4	6.9	(s)	R 7.3	R 3.7	0.1	0.1	17.0	R 50.1	37.2	R 87.3
2015	0.0	R 19.5	0.4	7.0	(s)	R 7.4	R 2.7	0.1	0.1	16.5	R 46.3	34.8	R 81.1
2016	0.0	19.7	0.4	6.2	(s)	6.6	2.2	0.1	0.1	16.6	45.3	34.6	79.9

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Wood and wood-derived fuels.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

^g Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.